

WHISTON RURAL DISTRICT COUNCIL



---

# ANNUAL REPORT

by

F. W. BUNTING, M.B.E., M.D., D.P.H.

Medical Officer of Health for the Whiston Rural District

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FOR THE YEAR 1962





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## WHISTON RURAL DISTRICT COUNCIL

*The Chairman and Members of the  
Whiston Rural District Council.*

Mr. Chairman, Lady and Gentlemen,

I have the honour to submit to you my Annual Report on the health of the Whiston Rural District for the year ended 31st December, 1962.

I am happy to report that the health of the community has remained satisfactory during the year.

The adjusted death rate was 11.8 per thousand. The adjusted death rate for England and Wales was 11.9.

The adjusted birth rate of 20 shows an increase compared with the previous year and is slightly higher than the rate for England and Wales which is 18.

The infant mortality rate was 24.9 per thousand live births compared with 19.9 during 1961. The rate for England and Wales was 21.4.

There was 1 maternal death notified during the year.

During the year 623 cases of Infectious Diseases were notified and of these 555 were cases of Measles.

There were 5 deaths from Pulmonary Tuberculosis during the year. 10 cases were notified compared with 14 during the previous year. 3 cases of Non-Pulmonary Tuberculosis were notified.

No cases of Diptheria or Poliomyelitis were notified.

There were 3 houses demolished and 2 houses closed during the year in connection with the slum clearance programme.

In conclusion, I would like to take this opportunity of expressing my thanks to the Health Committee for their support and encouragement during the year, and also to the Officials of the Council, in particular Mr. Corscadden, the Chief Public Health Inspector, for their assistance at all times.

I have the honour to be,

Your obedient servant,

F. W. BUNTING.

# WHISTON RURAL DISTRICT COUNCIL

## Public Health Department

### Officers :

Medical Officer of Health

F. W. BUNTING, M.B.E., M.D., D.P.H.

Chief Public Health Inspector .... H. CORSCADDEN

## ANNUAL REPORT FOR 1962

### GENERAL STATISTICS

Area of the District in acres	23,750
Population at Census—1961	44,126
Registrar General's estimate of home population—mid-1962	46,200
Density of Population (i.e. number of persons per acre based on mid-year population)	1.95
Number of inhabited houses (1961 Census)	12,508
Number of inhabited houses (end of 1962 according to rate book)	13,396
Rateable value	£546,159
Sum represented by a penny rate	£2,162

### EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR

#### Live Births—

Males: 459	Females: 465	924
Rate per 1,000 estimated population		20
Illegitimate live births per cent of total live births		3.5

#### Still Births—

Males: 10	Females: 13	23
Rate per 1,000 total live and still births		24.3
Total Live and Still Births		947
Infant Deaths (deaths under 1 year) Male: 14	Female: 9	23



# Infant Mortality Rates—

Total infant deaths per 1,000 total live births	....	....	24.9
Legitimate infant deaths per 1,000 legitimate live births	....	....	25.8
Illegitimate infant deaths per 1,000 illegitimate live births	....	....	Nil
Neo-natal mortality (deaths under 4 weeks per 1,000 total live births)	....	....	19.5
Early neo-natal mortality (deaths under 1 week per 1,000 total live births)	....	....	16.2
Perinatal mortality rate (still births and deaths under 1 week per 1,000 total live and still births)	....	....	29.6

# Maternal Mortality including abortion—

Number of deaths....	....	....	....	....	....	....	1
Rate per 1,000 total live and still births	....	....	....	....	....	....	1.06

# Deaths—

Males: 268	Females: 241	....	....	....	....	....	509
Rate per 1,000 population—Crude	....	....	....	....	....	....	11.0
Adjusted	....	....	....	....	....	....	11.8
Excess of births over deaths	....	....	....	....	....	....	415
Death rate from influenza per 1,000 of the population	....	....	....	....	....	....	.37
Death rate from cancer per 1,000 of the population	....	....	....	....	....	....	2.12
Death rate from respiratory tuberculosis per 1,000 of the population	....	....	....	....	....	....	.11
Death rate from measles per 1,000 of the population	....	....	....	....	....	....	Nil
Death rate from whooping cough per 1,000 of the population	....	....	....	....	....	....	Nil
Percentage of total deaths occurring in Hospitals etc.	....	....	....	....	....	....	61.22



CAUSES OF, AND AGES AT, DEATH DURING YEAR 1962—

Causes of Death	TOTAL	Under 1 yr.	1-4 yrs.	5-14 yrs.	15-24 yrs.	24-44 yrs.	45-64 yrs.	65-74 yrs.	75 yrs and over
Tuberculosis (Respiratory)	5	—	—	—	1	1	1	2	—
Tuberculosis (Others) ....	—	—	—	—	—	—	—	—	—
Syphilitic Disease ....	1	—	—	—	—	—	1	—	—
Diphtheria ....	—	—	—	—	—	—	—	—	—
Whooping Cough ....	—	—	—	—	—	—	—	—	—
Meningococcal Infection	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis ....	—	—	—	—	—	—	—	—	—
Measles ....	—	—	—	—	—	—	—	—	—
Other infective and parasitic diseases ....	—	—	—	—	—	—	—	—	—
Malignant Neoplasms—									
Stomach ....	11	—	—	—	—	—	8	—	3
Lungs, bronchus ....	29	—	—	—	—	—	17	11	1
Breast ....	8	—	—	—	—	1	3	3	1
Uterus ....	3	—	—	—	—	—	1	1	1
Other malignant and lymphatic neoplasms ....	40	—	—	—	—	—	19	14	7
Leukaemia ....	3	—	—	—	—	—	1	1	1
Diabetes ....	2	—	—	—	—	—	—	1	1
Vascular lesions—nervous system ....	73	2	1	—	—	—	17	19	34
Coronary disease, angina ....	87	—	—	—	—	3	25	27	32
Hypertension with heart disease ....	23	—	—	—	—	1	2	9	11
Other heart diseases ....	28	2	—	—	1	1	6	5	13
Other circulatory diseases....	21	—	—	—	—	—	8	5	8
Influenza ....	15	—	—	—	—	—	—	6	9
Pneumonia ....	56	2	—	—	—	3	10	13	28
Bronchitis ....	23	2	—	—	—	—	6	4	11
Other diseases—respiratory system ....	1	—	—	—	—	—	—	1	—
Ulcer of stomach and duodenum ....	—	—	—	—	—	—	—	—	—
Gastritis, enteritis and diarrhoea ....	—	—	—	—	—	—	—	—	—
Nephritis and nephrosis ....	5	—	—	—	—	—	1	2	2
Hypertension of prostate ....	1	—	—	—	—	—	—	—	1
Pregnancy, childbirth, abortion ....	1	—	—	—	—	1	—	—	—
Congenital malformation	—	—	—	—	—	—	—	—	—
Other defined and ill defined diseases ....	51	15	—	1	—	4	7	5	19
Motor Vehicles Accidents	3	—	—	1	1	1	—	—	—
All Other Accidents ....	14	—	2	—	2	3	4	2	1
Suicide ....	4	—	—	—	—	3	1	—	—
Homicide and War ....	—	—	—	—	—	—	—	—	—
TOTALS ....	508	23	3	2	5	22	138	131	184

DISEASES OF THE RESPIRATORY SYSTEM—

The following table shows death rates per 1,000 of the population from diseases of the respiratory system which occurred in the Rural District, together with corresponding data for England and Wales.

Diseases	Whiston R.D.	England & Wales
Influenza ....	.37	.07
Pneumonia ....	1.04	.68
Bronchitis ....	.48	.71
Other diseases of respiratory system	.01	.11
Cancer of lung and bronchus ....	.58	.51
Respiratory tuberculosis ....	.11	.06

CAUSES OF ACCIDENTAL DEATHS IN AGE GROUPS—1962

	Under 1 yr.	1—4 yrs.	5—14 yrs.	15—44 yrs.	45—64 yrs.	65—74 yrs.	75 yrs. and over	All Ages
Road traffic accidents ....	—	—	1	1	1	—	—	3
Falls ....	—	2	—	1	1	1	—	5
Works accidents ....	—	—	—	2	1	—	—	3
Drowning ....	—	—	—	—	—	—	—	—
Burns ....	—	—	—	—	—	1	—	1
Other accidental deaths ....	—	—	—	2	2	—	—	4
TOTAL ....	—	2	1	6	5	2	—	16

INFANT MORTALITY—

Cause of Death	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
Prematurity ....	8	—	—	—	8	—	—	—	—	8
Congenital malformations ....	1	1	—	—	2	—	—	—	—	2
Post natal asphyxia and atelectasis ....	4	—	—	—	4	—	—	—	—	4
Pneumonia ....	—	—	—	—	—	1	1	—	—	2
Birth injuries ....	—	—	—	—	—	—	—	—	—	—
Gastro enteritis ....	—	—	—	—	—	—	—	—	—	—
Haemolytic diseases of newborn ....	1	—	—	—	1	—	—	—	—	1
Other diseases ....	1	1	—	—	2	3	—	1	—	6
TOTALS ....	15	2	—	—	17	4	1	1	—	23

### VITAL STATISTICS

The following figures based on the Registrar General's 1962 birth and death returns, together with case rates for certain infectious diseases for England and Wales are shown together with corresponding data in respect of the Whiston Rural District.

	England and Wales	Whiston R.D.
	Rate per 1,000 population, mid-1962.	Rate per 1,000 population, mid-1962.
<b>Births :</b>		
Live births ....	18	20 (c)
Still births ....	18.1	24.3 (a)
<b>Deaths :</b>		
All causes ....	11.9	11.8 (c)
Tuberculosis (all forms) ....	.066	.11
Respiratory ....	.059	.11
Non-respiratory ....	.007	Nil
Cancer (all forms) ....	2.18	2.12
Lung and Bronchus ....	.51	.58
Other cancer ....	1.67	1.54
Maternal mortality (total) ....	.35 (a)	1.06 (a)
Maternal causes ....	.28 (a)	1.06 (a)
(excluding abortion)		
Due to abortion ....	.07 (a)	Nil
Infant mortality ....	21.4 (b)	24.9 (b)
Neo-natal mortality ....	15.1 (b)	19.5 (b)
<b>Notifications (Corrected) :</b>		
Typhoid Fever ....	.003	.02
Paratyphoid Fever ....	.003	Nil
Meningococcal Infection ....	.012	.02
Scarlet Fever ....	.328	.13
Whooping Cough ....	.179	.13
Diphtheria ....	.000	Nil
Erysipelas ....	.038	.02
Smallpox ....	.001	Nil
Measles ....	3.959	12.01
Acute Pneumonia		
(Primary and Influenzal) ....	.268	.49
Acute Poliomyelitis (Paralytic)	.005	Nil
(Non paralytic) ....	.001	Nil
Encephalitis (Infective) ....	.002	Nil
(Post infectious) ....	.003	Nil
Dysentery ....	.662	.24
Food Poisoning ....	.110	Nil
Puerperal Pyrexia ....	.153	.15
Tuberculosis (Respiratory) ....	.385	.22
(Meninges and C.N.S.) ....	.004	.04
(Other) ....	.000	.06

(a) Per 1,000 total live and still births.

(b) Per 1,000 related births.

(c) Adjusted rate.



**PREVALENCE AND CONTROL OVER INFECTIOUS DISEASE—**

**(i) Notifiable Diseases during the Year.**

DISEASES	Total cases notified	Cases admitted to Hospital	Total Deaths
Diphtheria ....	—	—	—
Scarlet Fever ....	6	3	—
Para-typhoid ....	—	—	—
Dysentery....	11	4	—
Puerperal Pyrexia ....	7	7	—
Acute Pneumonia ....	23	21	16
Erysipelas....	1	—	—
Ophthalmia Neonatorum ....	—	—	—
Enteric Fever ....	—	—	—
Meningococcal Infection ....	1	1	—
Measles ....	555	5	—
Whooping Cough ....	6	2	—
Acute Poliomyelitis ....	—	—	—
Acute Polioencephelitis ....	—	—	—
Food Poisoning ....	—	—	—
Pulmonary Tuberculosis ....	10	2	5
Non-Pulmonary Tuberculosis	3	3	—



## (ii) Cases of Infectious Diseases Notified during the year—1962

## AGE PERIOD — YEARS

Notifiable Diseases	Total Cases	0-	1-	2-	3-	4-	5-	10-	15-	25 and over
Scarlet Fever ....	6	1	—	—	—	—	4	1	—	—
Whooping Cough ....	6	—	3	1	—	1	1	—	—	—
Acute Poliomyelitis Paralytic) ....	—	—	—	—	—	—	—	—	—	—
(Non Paralytic) ....	—	—	—	—	—	—	—	—	—	—
Measles ....	555	31	53	73	82	69	221	17	6	3
Diphtheria ....	—	—	—	—	—	—	—	—	—	—
Dysentery ....	11	2	2	2	—	—	3	—	1	1
Meningococcal Infection ....	1	1	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum ....	—	—	—	—	—	—	—	—	—	—
TOTALS....	579	35	58	76	82	70	229	18	7	4

	Total Cases	0-	5-	15-	45-	65 and over
Acute Pneumonia (Primary and Influenzal)	23	—	—	—	6	17
Smallpox ....	—	—	—	—	—	—
Acute Encephalitis Infective ....	—	—	—	—	—	—
Post Infectious ....	—	—	—	—	—	—
Enteric or Typhoid Fever ....	—	—	—	—	—	—
Paratyphoid Fever ....	—	—	—	—	—	—
Erysipelas... ....	1	—	—	—	1	—
Food Poisoning ....	—	—	—	—	—	—
Tuberculosis Respiratory ....	10	—	—	6	1	3
Meninges and C.N.S. ....	2	1	—	1	—	—
Other ....	1	—	—	1	—	—
Puerperal Pyrexia ....	7	—	—	7	—	—
TOTALS ....	44	1	—	15	8	20

## TUBERCULOSIS

Details of cases of Tuberculosis and of deaths from the disease during 1962 will be found in the following table :—

AGE PERIODS Years)	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year ....	—	—	—	—	—	—	—	—
1—4 ....	—	—	1	—	—	—	—	—
5—9 ....	—	—	—	—	—	—	—	—
10—14 ....	—	—	—	—	—	—	—	—
15—19 ....	1	1	—	—	—	1	—	—
20—24 ....	—	—	—	—	—	—	—	—
25—34 ....	1	2	—	1	—	—	—	—
35—44 ....	1	—	1	—	1	—	—	—
45—54 ....	1	—	—	—	1	—	—	—
55—64 ....	—	—	—	—	—	—	—	—
65 and over ....	1	2	—	—	2	—	—	—
TOTALS ....	5	5	2	1	4	1	—	—

## WATER SUPPLIES.

The water supplies of the district are obtained from three main sources :

Liverpool Corporation	—	Upland surface water
St. Helens Corporation	—	Deep wells
Widnes Corporation	—	Deep wells

The development of the district resulted in extensions of the water mains throughout the district as follows :—

Liverpool Corporation	—	<b>To new Houses</b>
	—	1807 yds. of 6 in.
	—	7757 yds. of 4 in.
	—	15 yds. of 3 in.
	—	<b>To other Development</b>
	—	3392 yds. of 30 in.
St. Helens Corporation	—	600 yds. of 18 in.
	—	1570 yds. of 15 in.
	—	<b>To new Houses</b>
Widnes Corporation	—	541 yds. of 3 in.
	—	976 yds. of 4 in.
	—	<b>To existing Houses</b>
	—	94 yds. of 3 in.
	—	980 yds. of 4 in.
	—	<b>To new Houses</b>
Houses connected to public mains	—	720 yds. of 4 in.
	—	912 yds. of 6 in.
	—	<b>To other Development</b>
	—	10 yds. of 3 in.
	—	32 yds. of 18 in.
New houses :	—	48 yds. of 24 in.
	—	1396.

The overall supply at the end of the year from public mains was to 13,390 houses serving an estimated population of 44,370, whilst 6 dwelling-houses received their supply from standpipes connected to the public main.

In the Parish of Halewood there was some lack of pressure in part of the Parish and a new mains supply is now constructed.

### DRAINAGE AND SEWERAGE.

A new sewage disposal works is under construction in Halewood to provide for existing and anticipated development in Hale and Halewood. There is also a new sewage disposal works under construction in Cronton to provide for part of existing housing and for anticipated development.

The conversion of privy middens was continued and there is now only one in the Rural District.

1325 new houses built in the Rural District were connected to the sewerage system during the year and 27 to approved septic tanks.

### CLEAN AIR.

The work carried out by the three Schools within the area i.e. Notre Dame High School for Girls, Longview Secondary Modern School and Whiston Secondary Modern Boys' School continued, and the level of interest of the students was maintained.

It is now a condition of tenancy that the 302 houses on the first part of the Sugar Lane Estate should burn smokeless fuel.

In the Halewood area the preparations for the declaration of a Smoke Control Area were continued in readiness for submission to the Ministry.

### PREVENTION OF DAMAGE BY PESTS ACT.

The work of the full-time Rodent Operator continued and the following table indicates the number of inspections carried out.

				TYPE OF PROPERTY		
				Non-Agricultural		Agricul- tural
				Dwelling Houses	All Other	
No. of properties in district	....	....	....	13,461	831	292
No. of Properties inspected	....	....	....	93	21	34
Total inspections carried out	....	....	....	386	129	383
No. of properties inspected which were found to be infested by :						
Rates	—	major	....	—	3	1
		minor	....	89	16	—
Mice	—	major	....	—	—	—
		minor	....	11	7	—
No. of infested properties treated	...		...	100	26	1
Total treatments carried out	....	....	....	224	75	318

The routine control work was maintained throughout the year and the number of rats kept to a minimum. The bi-annual treatment of the sewers in the district indicated that the rat population is being kept within reasonable limits.



## SCHOOLS.

The total number of schools in the Rural District is 34 and whilst the majority are satisfactory in most respects some fall short by reason of the following :—

Inadequate sanitary accommodation : 1

Inadequate washing and drinking facilities : 5

## OFFENSIVE TRADES.

The only offensive trade which exists in the district is that of a tripe boiler. Routine inspections show that the premises are kept in a satisfactory manner.

## HOUSING.

1357 dwellings were erected during the year. 3 houses were demolished and 2 houses closed as unfit for human habitation.

During the year, 3,676 visits were made to 1,171 premises in connection with the Public Health and Housing Acts. 107 informal notices were served and 5 statutory notices.

## MOVEABLE DWELLINGS.

These are concentrated on six sites. The main site comprises approximately 180 caravans and enjoys a high standard of amenities, including mains water supply, proper drainage facilities and communal sanitary blocks which also include bathing facilities. Regular inspections are made during the year.

## INSPECTION AND SUPERVISION OF FOOD.

During the year 487 visits were made to food premises. 75 contraventions were discovered and 76 were remedied during the year. 21 informal notices were served and all were complied with. The types of food businesses in the district are as follows :—

General grocers and provision dealers	....	....	77
Greengrocers and fruiterers (including those selling wet fish, game etc.)	....	....	16
Meat shops	....	....	17
Bakers and/or confectioners	....	....	6
Fried fish shops	....	....	7
Shops selling mainly sugar confectionery, minerals, ice-cream etc.	....	....	23
Licensed premises, clubs, canteens, restaurants, cafes, snack bars etc.	....	....	46
Others	....	....	7

The Public Health Inspectors continued their regular visits to the broiler house in Rainhill and it is pleasing to note that the standard of hygiene throughout the premises is being maintained at a high level. The following is the record of the total kill and number of birds condemned during 1962.

908,800 birds were killed and processed.

2,467 birds were condemned (.27%)



**SAMPLING OF MILK AND ICE CREAM.**

During the year 8 samples of "Pasteurised" milk were submitted to the Laboratory for the Methylene Blue and Phosphatase Test and 2 samples of "Sterilised" milk for the Turbidity test. 2 samples of Raw milk were submitted for the Methylene Blue and Tuberculosis test. 17 samples of Ice Cream were submitted to the Laboratory for the Methylene Blue Test.

**SHOPS.**

12 inspections of shops under the Shops Act, 1950 were made during the year and all were found to be satisfactory.

**SLAUGHTERHOUSE.**

The following table shows the number of carcasses inspected and condemned at the licensed Slaughterhouse at Annexe Farm.

						<i>Cattle excluding cows</i>	<i>Pigs</i>
Number killed	....	....	....	....	....	48	2
Number inspected	....	....	....	....	....	48	2

**All diseases except Tuberculosis and Cysticerci :**

Carcases of which some part or organ was condemned	....	....	....	....	....	6	1
% of the number inspected affected with disease other than Tuberculosis and Cysticerci	....	....	....	....	....	8.3%	50%

**Cysticercosis :**

Carcases of which some part or organ was condemned	....	....	....	....	....	1	—
Carcases submitted to treatment by refrigeration						1	—

The inspection and examination of food stocks during the year resulted in the condemnation of the following :—

<i>Type of Food</i>				<i>Total quantity of stock or consignment exam- ined and found unfit for human consumption</i>
Cooked Ham	....	....	....	56 lbs.
Tinned meat	....	....	....	16 lbs.
Uncooked meat	....	....	....	61 lbs.
Tinned Vegetables	....	....	....	7 lbs.
Tinned Fruit	....	....	....	21 lbs.
Butter	....	....	....	6 lbs.

**PUBLIC CLEANSING.**

The refuse collection services have been maintained at a reasonable level throughout the year.

## FACTORIES ACTS, 1937 to 1959

### 1. INSPECTIONS for purposes of provisions as to health.

Premises	Number on Register	Number of		
		Inspec- tions	Written Notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities ....	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ....	47	40	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excl. out-workers premises) ....	4	3	—	—
<b>TOTAL</b> ....	<b>51</b>	<b>43</b>	<b>—</b>	<b>—</b>

### 2. CASES in which DEFECTS were found.

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1)....	3	2	—	—	—
Overcrowding (S.2) ....	—	—	—	—	—
Unreasonable temperature (S.3) ....	—	—	—	—	—
Inadequate ventilation (S.4) ....	1	1	—	—	—
Ineffective drainage of floors (S.6) ....	1	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient ....	3	3	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes ....	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work) ....	—	—	—	—	—
<b>TOTAL</b> ....	<b>8</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>





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